

## CROSS-PLATFORM SYSTEM-FAULT WARNING SYSTEM AND METHOD

### ABSTRACT OF THE DISCLOSURE

A cross-platform system-fault warning system and method is proposed, which is designed for use with a cluster of various kinds of server platforms in a network system for generating a warning message in the event that any one of the server platforms has an abnormal operating condition, such as program execution failure or insufficient hard disk space, so as to inform network administrators and users to take necessary maintenance or pre-cautious actions. The proposed cross-platform system-fault warning system and method utilizes a plurality of fault detection modules, each of which is integrated in one of the server platforms for detecting whether the associated one of the server platforms has an abnormal operating condition, and if yes, capable of generating and transferring a text-based system-fault indicating file to a warning-message database, which stores a mapping table of warning messages toward system-fault indicating files, and which is capable of retrieving the corresponding warning message mapped to the received system-fault indicating file. The warning-message database then transfers the retrieved warning message to a warning-message sender, such as an e-mail server, for transferring the warning message in e-mail via the network system to all the network administrators' and users' workstations, thereby informing all the network administrators and users to take necessary maintenance or pre-cautious actions.

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